Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 04 Aug 2021 until 23:59 on Thursday 05 Aug 2021

Forecast Issued on Wednesday 04 Aug 2021 at 00:37

Confidence: High for increasingly changeable conditions and periods of heavy rain over the coming days, but low for the timing and location of any thunderstorms.

Headline for Wednesday 04 Aug 2021: Plenty of morning sunshine then heavy showers and possible thunderstorms.

Mountain weather hazards on Wednesday 04 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Light rain showers	Heavy rain showers	Light rain showers	Light rain showers
Precipitation probability					
10%	00%	60%	60%	60%	60%

Forecast for Wednesday 04 Aug 2021

Weather: Dry and fine initially but conditions will become changeable from late morning as scattered and locally sharp showers develop, some of which are likely to turn thundery. Some places will escape these however and the evening will become increasingly dry.

Chance of cloud free mountain/hill tops above 600m: 90% falling 70% as showers develop.

Visibility: Very good until late morning after which visibility will become very variable as showers develop. These will bring areas of cloud down to 500m along with briefly torrential rain, obscuring neighbouring slopes from view.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Wednesday 04 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 S	7/11 S	7/12 SE	9/15 S	8/12 S	10/14 S	11/15 S
300	3/5 SE	6/10 S	8/13 S	8/14 S	6/10 S	7/11 SE	7/12 S
Valley	3/5 E	3/6 S	6/11 S	6/13 S	4/10 S	5/10 SE	5/12 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	14/12	15/14	15/13	15/13	13/12	12/10
300	14/14	16/15	17/16	18/16	17/16	16/15	14/13
Valley	14/14	17/17	18/17	18/17	18/17	16/15	14/14
Freezing Level*	2200m	2200m	2300m	2400m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be aware of fast changing conditions as heavy showers or thunderstorms develop. Thunderstorms will bring a real risk of lightning strikes as well as hail and briefly very poor visibility.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 04 Aug 2021	0mm	0mm	1.8mm

Forecast for Thursday 05 Aug 2021

Weather: Increasingly cloudy but dry and bright until mid-morning, after which bands of heavy rain will spread east across all areas along with strengthening south or southeast winds. Cloud descending widely across the hills through evening with further rain or heavy showers never far away.

Maximum wind: South or southeast 15-20mph, gusting up to 30mph on summits.

Chance of cloud free mountain/hill tops above 600m: 80% falling 30% through afternoon.

Visibility: Generally very good at first with cloud well above the hills, but becoming more variable from mid-morning as outbreaks of rain come and go. Periods of cloud will accompany these down to around 5000m before becoming more extensive down to 300m through evening.

Temperature: **Valleys:** Plus 12 Celsius rising Plus 18 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Well above summits.

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